

Docket No. CR1091A

PATENT

**ASSIGNMENT AND AGREEMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, **Mark THOMSON** of Australia, has sold, assigned and transferred, and do hereby sell, assign and transfer unto **MOTOROLA, INC.**, a corporation of the State of Delaware, having its principal office in **Schaumburg, State of Illinois**, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **VECTOR ESTIMATION SYSTEM, METHOD AND ASSOCIATED ENCODER** (Attorney Docket No. **CR1091AC**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me of even date herewith, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation, or reissue thereof.

I hereby also sell, assign and transfer unto the said **MOTOROLA, INC.**, the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said inventions and said applications for Letters Patent in foreign countries, and I further authorize the said **MOTOROLA, INC.** to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of the said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the said **MOTOROLA, INC.**, for the sole use and behoof of said **MOTOROLA, INC.**, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to the said **MOTOROLA, INC.**

I agree that, when requested, I will, without charge to said **MOTOROLA, INC.**, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said **MOTOROLA, INC.**, its successors, assigns and legal representatives or nominees.

I covenant with said **MOTOROLA, INC.**, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

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Sole Inventor: *Mark Thomson*  
Mark THOMSON

Date: 12 December 2001

1st Witness: *Trym Holter*

Date: 12 December 2001

Name: TRYM HOLTER

2nd Witness: *Julien Epps*  
Name: JULIEN EPPS

Date: 12 December 2001

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